

# CONTENTS

## VOLUME 102

BIALY, M. L. AND R. S. MACKAY. Variational properties of a nonlinear elliptic equation and rigidity .....	391
DARMON, HENRI. Rigid local systems, Hilbert modular forms, and Fermat's last theorem .....	413
EDIDIN, DAN AND WILLIAM GRAHAM. Riemann-Roch for equivariant Chow groups .....	567
FUJINO, OSAMU. Abundance theorem for semi log canonical threefolds .....	513
GATIEN, DANIEL AND FRANÇOIS LALONDE. Holomorphic cylinders with Lagrangian boundaries and Hamiltonian dynamics .....	485
GRAHAM, WILLIAM AND DAN EDIDIN. Riemann-Roch for equivariant Chow groups .....	567
GRASSI, MICHELE. Local vanishing of characteristic cohomology .....	307
GUNNELLS, PAUL E. Symplectic modular symbols .....	329
HEATH-BROWN, D. R. AND P. MICHEL. Exponential decay in the frequency of analytic ranks of automorphic $L$ -functions .....	475
HUCKLEBERRY, ALAN T., STEFAN KEBEKUS, AND THOMAS PETERNELL. Group actions on $S^6$ and complex structures on $\mathbb{P}_3$ .....	101
ITENBERG, ILIA AND EUGENII SHUSTIN. Singular points and limit cycles of planar polynomial vector fields .....	1
JÖRICKE, B. AND N. SHCHERBINA. A nonremovable generic 4-ball in the unit sphere of $\mathbb{C}^3$ .....	87
KEBEKUS, STEFAN, ALAN T. HUCKLEBERRY, AND THOMAS PETERNELL. Group actions on $S^6$ and complex structures on $\mathbb{P}_3$ .....	101
KINNUNEN, JUHA AND JOHN L. LEWIS. Higher integrability for parabolic systems of $p$ -Laplacian type .....	253
KISELEV, A. AND Y. LAST. Solutions, spectrum, and dynamics for Schrödinger operators on infinite domains .....	125
KOVÁCS, SÁNDOR J. A characterization of rational singularities .....	187
LALONDE, FRANÇOIS AND DANIEL GATIEN. Holomorphic cylinders with Lagrangian boundaries and Hamiltonian dynamics .....	485
LAST, Y. AND A. KISELEV. Solutions, spectrum, and dynamics for Schrödinger operators on infinite domains .....	125
LE, THANG T. Q. Integrality and symmetry of quantum link invariants .....	273
LEWIS, JOHN L. AND JUHA KINNUNEN. Higher integrability for parabolic systems of $p$ -Laplacian type .....	253
LIU, KEFENG AND XIAONAN MA. On family rigidity theorems, I .....	451
MA, XIAONAN AND KEFENG LIU. On family rigidity theorems, I .....	451
MACKAY, R. S. AND M. L. BIALY. Variational properties of a nonlinear elliptic equation and rigidity .....	391

MATEU, J., P. MATTILA, A. NICOLAU, AND J. OROBITG. BMO for nondoubling measures .....	533
MATTILA, P., J. MATEU, A. NICOLAU, AND J. OROBITG. BMO for nondoubling measures .....	533
MENGUY, X. Examples with bounded diameter growth and infinite topological type .....	403
MICHEL, P. AND D. R. HEATH-BROWN. Exponential decay in the frequency of analytic ranks of automorphic $L$ -functions .....	475
NICOLAU, A., J. MATEU, P. MATTILA, AND J. OROBITG. BMO for nondoubling measures .....	533
OROBITG, J., J. MATEU, P. MATTILA, AND A. NICOLAU. BMO for nondoubling measures .....	533
PERES, YUVAL AND WILHELM SCHLAG. Smoothness of projections, Bernoulli convolutions, and the dimension of exceptions .....	193
PETERNELL, THOMAS, ALAN T. HUCKLEBERRY, AND STEFAN KEBEKUS. Group actions on $S^6$ and complex structures on $\mathbb{P}_3$ .....	101
PROSMANS, FABIENNE AND JEAN-PIERRE SCHNEIDERS. A topological reconstruction theorem for $\mathcal{D}^\infty$ -modules .....	39
SCHLAG, WILHELM AND YUVAL PERES. Smoothness of projections, Bernoulli convolutions, and the dimension of exceptions .....	193
SCHNEIDERS, JEAN-PIERRE AND FABIENNE PROSMANS. A topological reconstruction theorem for $\mathcal{D}^\infty$ -modules .....	39
SCHULZE-PILLOT, RAINER. Exceptional integers for genera of integral ternary positive definite quadratic forms .....	351
SHCHERBINA, N. AND B. JÖRICKE. A nonremovable generic 4-ball in the unit sphere of $\mathbb{C}^3$ .....	87
SHUSTIN, EUGENII AND ILIA ITENBERG. Singular points and limit cycles of planar polynomial vector fields .....	1
VOISIN, CLAIRE. The Griffiths group of a general Calabi-Yau threefold is not finitely generated .....	151
YAMAZAKI, TAKAO. Formal Chow groups, $p$ -divisible groups, and syntomic cohomology .....	359

